



TOWN OF FARMINGTON

DEPARTMENT OF PUBLIC WORKS & DEVELOPMENT SERVICES

ENGINEERING DIVISION

Russell Arnold, Jr.
Director of Public Works
(860) 675-2305

Matt Walsh, P.E.
Assistant Town Engineer
(860) 675-2305

SEWER PERMIT

****Permits are needed for Sewer Lateral Installations, on any private or public property.****

Getting Started:

1. Drain Layers Bond - \$5,000 (Laterals, Sewer Mains); Bond paperwork **Page 8**.
2. Call Before you Dig Number 1-800-922-4455
3. Valid License – P1 or P7
4. Trench Box Tabulations **Page 6** – if trench is deeper than 5', depth will be verified prior to issuance of permit.
5. Certificate of Insurance showing worker's compensation and "The Town of Farmington and WPCA listed as "additional insured." **Page 7**
6. Fill out Sewer Permit Application online at <https://farmingtonct.viewpointcloud.com>
7. **FEES:** You will be prompted to pay once all approvals are completed. Payment can be made online via Credit Card, by mailing in a Check, or can be made in person via Cash or Check. If paying by Check, please make payable to "Town of Farmington".

Sewer Permit Application - \$50.00

The Town of Farmington requires a *minimum 24-hour notice* to schedule inspections prior to any work performed within the Town's right-of-way, or connections to the sanitary sewer systems.

Prior to the start of construction, the contractor/developer must secure the necessary permits for doing such work, i.e., inland wetlands, zoning, building, road cut, sewer, site work, etc.

All contractors are required to be in compliance with all federal, state and local standards, including OSHA standards, Title 29 Code of Federal Regulations, including, but not limited to 1910.146, 1926.500, 1926.650, and 1926.652, regarding permit required confined space and excavations.

All construction activities shall conform to the "State of Connecticut D.O.T. Standard Specifications for Roads, Bridges and Incidental Construction Form 816" (2004) as amended thereof, and the standard details and specifications of the Town of Farmington.

**** IMPORTANT INSURANCE INFORMATION:**

1. The contractor shall provide a certificate of insurance showing the limits for general liability, auto, excess liability, and worker's compensation.
2. The minimum limits are as follows:

<i>General Liability</i>	<i>\$1,000,000 or \$2,000,000 Total Large Projects</i>
<i>Auto</i>	<i>\$1,000,000</i>
<i>Excess Liability</i>	<i>\$1,000,000 (Small Projects)</i>
<i>Worker's Compensation</i>	<i>\$500,000</i>



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NOTICE TO SEWER CONNECTION PERMIT APPLICANTS

1. The Engineering Division must be notified 24 hours before the connection is to be made so that inspection can be scheduled for **Monday through Friday**.
2. The Contractor may excavate the entire trench, locate the capped wye or stub and place 6" of $\frac{3}{4}$ inch crushed stone bedding before the inspector visits the site.
3. The cap must not be removed until the Inspector is present and in no case will the trench be drained of groundwater through the sanitary sewer lateral.
4. All laterals must be of 6" minimum diameter pipe from the main sanitary sewer to the house sewer.
5. Pipe joints shall be fixed gasket type.
6. All pipe shall be PVC SDR #35.
7. $\frac{3}{4}$ " crushed stone bedding to be brought to top of pipe.
8. Place a layer of filter fabric.
9. Place one foot (1') of clean coarse sand on filter fabric on which warning tape will be placed.
10. All other work shall conform to the "Town of Farmington Connecticut, Department of Public Works, Design Standards Manual, Issue Date July 2013", including any revisions thereto to date.
11. If connection is made into an existing manhole, the manhole must be cored and a neoprene boot installed. The existing table is to be rebuilt. The coring and rebuilding of the table is to be inspected under the supervision of the Engineering Division Inspector (860) 675-2305.



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IMPORTANT NOTICE TO EXCAVATION/SEWER CONTRACTORS

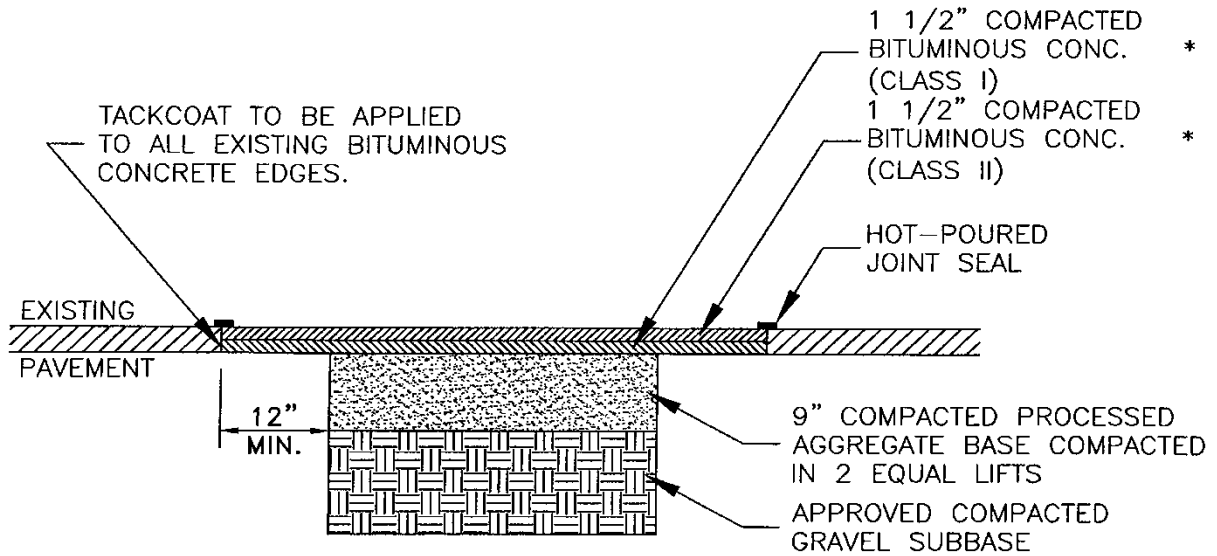
Prior to the issuance of a Road Cut Permit and/or Sewer Permit, which requires excavation, the contractor shall submit the following documentation to the Town Engineer.

1. Name of support systems such as trench boxes, sheeting bracing, shoring, etc., as required by OSHA regulations 1926.652 to support the sides of the excavation. Such sheeting, shoring and bracing shall be installed as required for protection of the work and for the safety of all personnel.
2. Name of person or persons knowledgeable of the confined space standards, Title 29 Code of Federal Regulations 1910.146, 1926.500, and 1926.650 promulgated by OSHA.
3. The name and qualifications of "competent person" who is capable of identifying existing and predictable hazards in the surroundings and working conditions, and who has authorization to take prompt corrective measures to eliminate them.
4. Documentation of the protective support system(s), which shall include design methods, limitations, and manufacturer's tabulated data as outlined in OSHA regulations 1926.652.
If a Registered Professional Engineer is required to design the protective support system, at least one copy of the design and certification shall be stored at the job site.

Upon acceptance of the above, the Engineering Division shall issue the excavation permit.

PERMANENT PAVEMENT RESTORATION

FOR TOWN ROAD



*- MATCH EXISTING PAVEMENT THICKNESS IF GREATER THAN DETAIL.

1. TOWN OF FARMINGTON, ENGINEERING DIVISION REQUIRES A MINIMUM OF 24 HOUR NOTICE BEFORE CONTRACTOR BEGINS CONSTRUCTION.
2. TEMPORARY PATCH TO BE REMOVED BY CONTRACTOR.
3. THE EXISTING PAVEMENT TO BE SAW CUT IN A STRAIGHT LINE 12" BEYOND DISTURBED AREA, OR AS DIRECTED BY TOWN INSPECTOR.
4. GRAVEL BASE AND PROCESSED AGGREGATE BASE CONDITION TO BE VERIFIED BY TOWN INSPECTOR PRIOR TO PLACEMENT OF BITUMINOUS CONCRETE.
5. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE "STATE OF CONNECTICUT D.O.T. STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 816" (2004), AS AMMENDED THEREOF.

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DESIGN BY: R.A.	CHECKED BY: J.A.G.	DATE: 12.29.97																																																		

TEMPORARY PAVEMENT & TRENCH

RESTORATION FOR TOWN ROADS

EXISTING PAVEMENT

TEMP. PAVEMENT 2" MINIMUM

SAW CUT EXIST. PAVEMENT EDGES SQUARE

NOTES:

1. TOWN OF FARMINGTON ENGINEERING DIVISION REQUIRES A MINIMUM OF 24 HOURS NOTICE BEFORE CONTRACTOR BEGINS CONSTRUCTION. (860) 675-2305

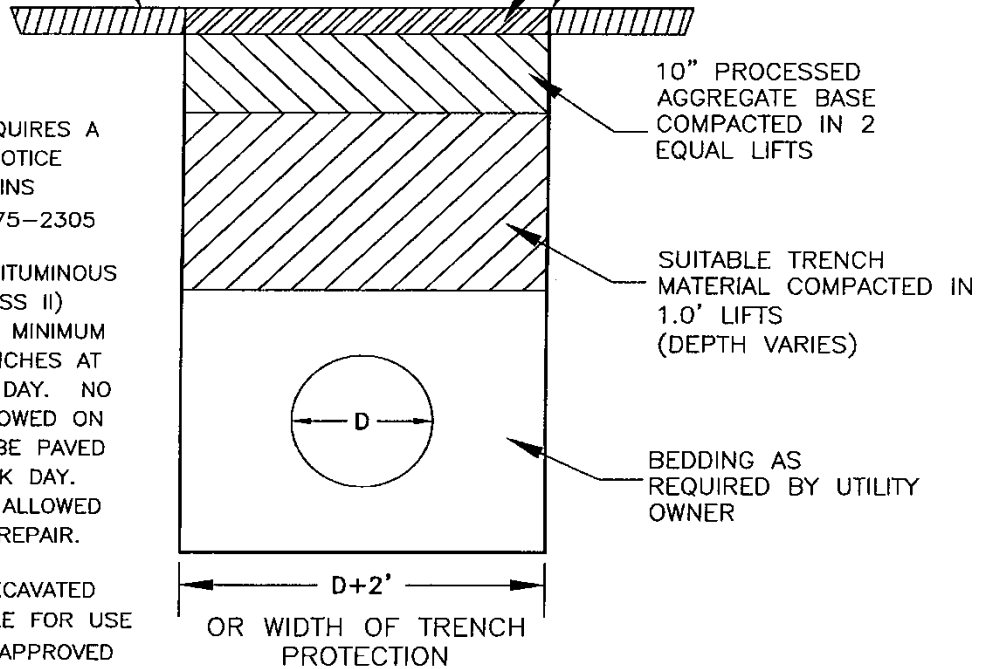
2. TEMPORARY HOT MIX BITUMINOUS CONCRETE PAVEMENT (CLASS II) SHALL BE PLACED WITH A MINIMUM THICKNESS OF TWO (2) INCHES AT THE END OF EACH WORK DAY. NO EXCAVATIONS WILL BE ALLOWED ON FRIDAY UNLESS IT IS TO BE PAVED BY THE END OF THE WORK DAY. NO COLD PATCH WILL BE ALLOWED FOR TEMPORARY TRENCH REPAIR.

3. BASE MATERIAL—THE EXCAVATED MATERIALS ARE ACCEPTABLE FOR USE AS SUBBASE MATERIAL IF APPROVED BY THE TOWN ENGINEER OR HIS DESIGNEE. IF THE MATERIAL IS UNACCEPTABLE, TEN (10) INCHES OF PROCESSED AGGREGATE BASE COMPACTED IN TWO EQUAL LIFTS WILL BE REQUIRED.

4. NO PERMITS WILL BE ISSUED DURING THE PERIOD THAT THE BITUMINOUS BATCH PLANTS ARE CLOSED EXCEPT AS APPROVED BY THE TOWN ENGINEER.

5. STEEL PLATES MAY BE USED TO TEMPORARILY COVER EXCAVATIONS IF APPROVED BY THE TOWN ENGINEER. PLATES MUST BE ANCHORED SECURELY TO THE SURROUNDING PAVEMENT AND RAMPED WITH BITUMINOUS CONCRETE. NO PLATES WILL BE ALLOWED BETWEEN NOVEMBER 15 AND APRIL 15.

6. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE "STATE OF CONNECTICUT D.O.T. STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 816" (2004), AS AMENDED THEREOF.



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DESIGN BY: R.A.	CHECKED BY: B.C.	DATE: 01.03.06																		

TRENCH SHIELD MANUFACTURERS TABULATED DATA

MODEL NO:

SERIAL NO.

DATE SHIPPED

SHORT TERM EXPOSURE DEPTH/CAPACITY CHART

SOIL TYPE	EFP	MAXIMUM DEPTH	SHIELD CAPACITY
A	25	30.6	765
B	45	18	810
C	60	14	840

Shield capacity is in PSF per foot along the bottom of the Trench Shield

LONG TERM EXPOSURE DEPTH/CAPACITY CHART

SOIL TYPE	EFP	MAXIMUM DEPTH	SHIELD CAPACITY
A	25	23	570
B	45	13.5	610
C	60	10.5	630

Shield capacity is in PSF per foot along the bottom of the Trench Shield

CONDITIONS FOR USE OF TABULATED DATA:

1. This Tabulated Data has been prepared by a registered professional engineer as required to comply with the OSHA standard 29 CFR Part 1926; Subpart P.

2. The Soil types A and B are as defined in the OSHA standard. Soil Type C is defined as follows:

Soil cohesive to saturated soil with an Equivalent Fluid Pressure (EFP) or Equivalent Weight Effect of 60 PSF per foot of depth. This type of soil is a clay with an unconfined compressive strength of .5 tons/Sq. Ft., but greater than .25 Tons/SF saturated sand or clay, or fractured rock that is not stable.

(Note: Soil conditions more severe can be encountered with an EFP greater than 60 PSF/F. These conditions would be submerged soils, flowing mud, or muck. Such severe conditions would require the services of a soils engineer to determine the actual soil pressure. Consult GME when soil pressures exceed the tabulated values.)

3. Trench Shields shall be used in accordance with the depth/capacity charts. The maximum depth is the distance from the surface of the excavation to the bottom of the trench. Depth ratings shown are based upon examples of homogenous soil conditions. Soil pressures may vary due to: non-homogenous soils, surcharge loads, and slope of embankment (layback). Actual soil pressures should be verified to be sure that the shield capacities are not exceeded.

4. Surcharge loads are not accounted for in the maximum depths. Surcharge loads are possible due to: heavy equipment, vibrations, or spoil piles, adjacent to the trench. (Adjacent is defined as within a distance equal to the depth of the trench.)

5. Trench shields are not capable of providing stability to adjacent buildings or other structures. Refer to the OSHA standard for applicable requirements when trenching near buildings and other structures.

6. Long Term exposure is for trench shields used in one position greater than 24 hours. Short Term exposure is for shields used in one position for 24 hours or less. GME recommends that the chart for Long Term exposure be used to maximize protection. However, the chart for Short Term exposure may be used if the criteria for Short Term exposure can be met at all times.

GENERAL NOTES FOR TRENCH SHIELD USE:

1. Trench Shields are to be assembled and installed in accordance with manufacturer's instructions.

2. Any modifications to shields or use of component parts not manufactured by GME will void the tabulated data unless otherwise specified or allowed in writing by GME.

3. GME Trench Shields may be stacked, provided that appropriate connections are made between stacked shields as specified by GME. The stacked shields need only have a depth rating equal to or greater than the actual depth at which it is used.

4. Maximum depths are based on shields being in structurally sound condition. Trench shields should be inspected prior to each use for any damage or deterioration. If a shield has sustained major damage the tabulated data is void until repairs are made as specified by a registered professional engineer.

5. The use of GME Trench Shields shall be in accordance with this tabulated data and all requirements of the OSHA standard. Trench Shield usage other than specified or required may create unsafe conditions that could cause a cave-in, structural failure, or collapse resulting in a disabling injury or even death. GME shall not be liable for shield usage other than specified or required.

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

PRODUCER	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
	INSURERS AFFORDING COVERAGE	NAIC #
INSURED	INSURER A:	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
A		GENERAL LIABILITY				EACH OCCURRENCE	\$100,000
		<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR				DAMAGE TO RENTED PREMISES (Ea Occurrence)	
						MED EXP (Any one person)	
						PERSONAL & ADV INJURY	
						GENERAL AGGREGATE	\$500,000
			GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC			PRODUCTS - COMP/OP AGG	
B		AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	
		<input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				BODILY INJURY (Per person)	\$
						BODILY INJURY (Per accident)	\$
						PROPERTY DAMAGE (Per accident)	\$
		GARAGE LIABILITY				AUTO ONLY -EA ACCIDENT	\$
		<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC	\$
						AUTO ONLY: AGG	\$
		EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	\$
		<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE	\$
							\$
		<input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$					\$
C		WORKERS COMPENSATION				WC STATUTORY LIMITS	OTHER
		EMPLOYERS' LIABILITY				E.L. EACH ACCIDENT	\$ 500,000
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L.DISEASE - EA EMPLOYEE	\$ 500,000
		SPECIAL PROVISIONS below				E.L.DISEASE - POLICY LIMIT	\$1,000,000
	OTHER						

SAMPLE

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES EXCLUSIONS ADDED BY ENDORSEMENT/ SPECIAL PROVISIONS

Town of Farmington listed as additional insured. (For Permit Bond)
Town of Farmington and WPCA listed as additional insured. (For Drain Layer's Bond)

CERTIFICATE HOLDER	CANCELLATION
TOWN OF FARMINGTON 1 MONTEITH DRIVE FARMINGTON, CT 06032	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL _____ DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON INSURER, ITS AGENTS OR REPRESENTATIVES. Authorized Representative



**TOWN OF FARMINGTON
STATE OF CONNECTICUT
DRAIN LAYER'S BOND**

Date: _____

KNOW ALL MEN BY THESE PRESENTS, that _____

(Name of Firm, Partnership or Corporation)

(Name and Title of Responsible Individual)

State of Connecticut Drain Layer's License Number: _____ as principal, and

_____ as surety are held and firmly bound unto the TOWN OF FARMINGTON, State of Connecticut, in the sum of Five Thousand and 00/100 (\$5,000.00) Dollars, lawful money of the United States of America, to be paid to the TOWN OF FARMINGTON, its successors or assigns, for which payment well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The condition of this obligation is such that whereas the above bounden principal has by the TOWN OF FARMINGTON (through its Engineering Department) been authorized to perform work in the TOWN OF FARMINGTON as a drain layer, said obligation shall be continuous subject to cancellation by said Surety by giving ninety (90) days notice in writing of its intention to do so.

NOW, THEREFORE, if the said _____ (i) shall well and truly keep and perform during said term all the terms and conditions of the ordinances, resolutions, rules and regulations of the said TOWN OF FARMINGTON and its Engineering Department, regulating the laying of Town sewers and drains, sewer house connections, private drains and appurtenances, as well as the rules regulations, laws or ordinances of the Town, or of the State Highway Department, regulating the excavation in or under highways, streets or public ways and the replacement of or the maintenance of the surfaces disturbed; (ii) shall forever indemnify and save harmless the TOWN OF FARMINGTON and its agents for or from an account of any damages to property of any person or persons or any damages to the sewers of the TOWN OF FARMINGTON, in consequence of or resulting from any work performed by said principal, its servants or agents, or from any negligence in guarding of said work, or of from any act or omission of said principal, its servants or agents until the expiration of the one (1) year maintenance period after the work under any permit issued is completed; (iii) shall faithfully perform said work in all respects and shall replace and restore that portion of any street in which said principal, his servants or agents shall make any excavation, in as good condition as that in which the same was before said work was performed; (iv) shall also keep and maintain such street in like good condition to the satisfaction of the Town Engineer of the TOWN OF FARMINGTON, for the period of not less than one (1) year after completing said work, and should the said Engineer, or other official, within said period and after notice to said principal, repair said portion of such street, the principal shall pay the cost thereof within thirty (30) days; and (v) shall also pay all fines or penalties imposed upon him for violation of any rule or regulation, then this obligation shall be of no effect; otherwise, it shall remain in full force and effect.

Signed and sealed in the presence of:

_____ (Seal)
Witness

_____ (Seal)
Witness (two witnesses required)

_____ (Seal) _____ (Seal)

_____ (Seal) _____ (Seal)